Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111323\
Data File : VD077540.D
Acq On : 13 Nov 2023 11:16
Operator : JC/SY
Sample : 05296-03
Misc : 5.59G/10ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BH3R3

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

Quant Time: Nov 16 00:41:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	528377	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.586	117	446553	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	178411	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.287	65	204791	15.236	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 60.960%			
7) Chloroethane-d5	2.816	69	170734	16.169	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.680%			
11) 1,1-Dichloroethene-d2	3.928	65	66019	15.884	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.520%			
21) 2-Butanone-d5	6.987	46	70569m	30.325	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 60.640%			
24) Chloroform-d	7.569	84	251762m	16.494	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 65.960%			
26) 1,2-Dichloroethane-d4	8.234	65	137227	16.902	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 67.600%#			
32) Benzene-d6	8.204	84	537772	18.555	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 74.200%			
36) 1,2-Dichloropropane-d6	9.210	67	175582	18.599	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 74.400%			
41) Toluene-d8	10.269	98	465413	17.771	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 71.080%			
43) trans-1,3-Dichloroprop...	10.528	79	70834	17.402	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 69.600%			
47) 2-Hexanone-d5	10.881	63	52825	31.279	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 62.560%			
56) 1,1,2,2-Tetrachloroeth...	12.657	84	97131	15.529	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 62.120%			
66) 1,2-Dichlorobenzene-d4	13.816	152	110430	17.399	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 69.600%#			
Target Compounds						Qvalue
13) Acetone	4.022	43	7634	3.121	ug/L	67
16) Methylene chloride	4.810	84	19811	2.221	ug/L	95
25) Chloroform	7.604	83	6083	0.418	ug/L	97
34) Trichloroethene	9.034	95	3125	0.407	ug/L	87
46) Tetrachloroethene	10.816	164	88070	15.599	ug/L	98
53) m,p-Xylene	11.792	106	6719	0.516	ug/L	99
54) o-Xylene	12.122	106	3813	0.306	ug/L	92
70) 1,2,4-trichlorobenzene	15.098	180	8197	1.206	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.527	180	9353	1.615	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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